

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A needleless syringe for injecting an active principle, comprising;
- a propelling system including a shock wave generator device;
- ~~a barrier comprising an upstream face and a downstream face, said downstream face having at least one blind cavity in which the active principle is accommodated; and~~
- an application guide for applying said syringe to the skin of the patient subject to be ~~treated~~, treated; and
- a solid barrier, located entirely within the application guide, comprising an upstream face and a downstream face, said downstream face having at least one blind cavity in which the active principle is accommodated, the solid barrier remaining at least one of fixed within the syringe and trapped in the syringe without any possibility of being expelled, wherein the shock wave generator device is in contact with the upstream face of the barrier is fixed and said barrier ensures propagation of the shock wave through the barrier so that the shock wave is able to reverse the cavity to accelerate the active principle in the form of a central jet.
2. (Currently Amended) The needleless syringe as claimed in claim 1, wherein the upstream face of the barrier ~~has a~~ substantially plane and transverse ~~upstream face~~.
3. (Currently Amended) The needleless syringe as claimed in claim 1, wherein the shock wave generator device produces a plane shock wave on the upstream face of the ~~fixed barrier~~.

4. (Currently Amended) The needleless syringe as claimed in claim 1, wherein each ~~the~~ blind cavity has an opening transverse section which is ~~at least one of equal to and~~ greater than each transverse section of this cavity.

5. (Currently Amended) The needleless syringe as claimed in claim 1, wherein each ~~the~~ blind cavity has a form of revolution about an axis parallel to the direction of propagation of the shock wave.

6. (Currently Amended) The needleless syringe as claimed in claim 1, wherein a plurality of cavities are distributed on the downstream face of ~~said~~ the barrier.

7. (Canceled).

8. (Currently Amended) The needleless syringe as claimed in claim 1, wherein the shock wave generating device generating a shock wave on the upstream face of the ~~fixed~~ barrier comprises a detonating pyrotechnic charge.

9. (Currently Amended) The needleless syringe as claimed in claim 1, wherein the length of the application guide is between 1 and 8 times the diameter of the ~~fixed~~ barrier and preferably between 2 and 5 times ~~said~~ the diameter.

10. (Original) The needleless syringe as claimed in claim 9, wherein the application guide comprises a shock absorbing system.

11. (Canceled).